



PTO/SB/21 (08-00)

MODIFIED

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/661,511	
	Filing Date	09/15/2003	
	First Named Inventor	George R. BAILEY	
	Group Art Unit	2637	
	Examiner Name	David B. Lugo	
Total Number of Pages in This Submission	3	Attorney Docket Number	215191.06400

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> <b>RESPONSE TO REQUIREMENT FOR RESTRICTION</b> <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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Signature		
Date	03/16/2005	

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>		
Typed or printed name		
Signature		Date



Attorney Docket No. 215191-06400  
Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:	)	
	)	
George R. BAILEY, et al.	)	
	)	Examiner: David B. LUGO
Application No.: 10/661,511	)	
	)	Group Art Unit: 2637
Filed: September 15, 2003	)	
	)	Confirmation No.: 7395
For: SYSTEM AND METHOD FOR	)	
LOCATING AND DETERMINING	)	
DISCONTINUITIES AND	)	
ESTIMATING LOOP LOSS IN A	)	
COMMUNICATIONS MEDIUM	)	Date: March 16, 2005
USING FREQUENCY DOMAIN	)	
CORRELATION	)	

**RESPONSE TO REQUIREMENT FOR RESTRICTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In complete response to the Office Action dated February 16, 2005, requiring restriction under 35 U.S.C. § 121, Applicants hereby provisionally elect, without traverse, the Group I invention, comprising claims 1-24, drawn to a system and method for determining characteristics associated with a communication channel including identifying correlation peaks in a magnitude of frequency domain correlation information to determine locations of discontinuities of the channel, classified in class 375, subclass 224. Applicants reserve the right to file divisional applications directed to the non-elected inventions.

Customer No. 27160

Should the Examiner have any questions regarding this response or the application in general, the Examiner is urged to contact the Applicants' attorney, Andrew J. Bateman, by telephone at (202) 625-3547. All correspondence should continue to be directed to the address given below.

Respectfully submitted,

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